Notice of Allowability	Application No.	Applicant(s)	
	10/616,915	REPETTO ET AL.	
	Examiner	Art Unit)
	LOHA BEN	2873	مهج
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT I of the Office or upon petition by the applicant. See 37 CFR 1.31 1.	S (OR REMAINS) CLOSED of or other appropriate comming of the submitted. Signature of the submitted of the submitted. S (OR REMAINS) CLOSED of the submitted of the submitted. S (OR REMAINS) CLOSED of the submitted of the submitted. S (OR REMAINS) CLOSED of the submitted of the submitted.	with the correspondence addressin this application. If not include the nunication will be mailed in due to subject to withdrawal from issue or (f). From No The din this national stage application are reply complying with the required accordance or declaration is deficient.	d course. THIS e at the initiative ion from the uirements
1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examine Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	r's Amendment / Comment	the drawings in the front (not the	back) of
7. DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMENT Authorized Technology The Positive Tech	osit of BIOLOGICAL MA	ΓERIAL must be submitted. N	lote the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB Paper No./Mail Date) 6. ☐ Interview Paper No (/08), 7. ⊠ Examiner	nformal Patent Application (PTC Summary (PTO-413), n/Mail Date s Amendment/Comment s Statement of Reasons for Allo 	
Primary Examiner			

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the Claims

In claim 7: line 2, after "obtained", -- in -- has been inserted, since this was clearly intended.

In claim 15: line 4, "aluminium" has been replaced with – aluminum --.
Full amended language of claims 7 and 15 is given below.

- 7. (Currently Amended) The light guide according to claim 1, wherein the coupling device is obtained <u>in</u> such a way that the beams propagate in the body of the light guide in such a way that any section of the surface of the guide in the direction of propagation is touched by the beams.
- 15. (Currently Amended) The light guide according to claim 3, wherein the surface of said saw-tooth profiles is coated with a material chosen in the group comprising chromium and [aluminium] aluminum.

In the Abstract

The abstract submitted contains three paragraphs. This is not permitted. It should be in a single paragraph. New abstract with single paragraph is given below.

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ABSTRACT

A light guide for display devices of the head-mounted or head-up type comprises:

- a body of the light guide (22) at least in part transparent to visible light;
- a coupling device (24) associated to the body of the light guide (22) and designed to couple the body (22) to an optical system (18) designed to generate an image, the coupling device (24) being obtained in such a way that the light beams coming from the optical system (18) enter the body of the light guide (22) and propagate within the body (22) by total internal reflection; and
- an image-extraction grating, designed to extract the light beams that propagate in the body of the light guide (22) so as to enable an observer to visualize the extracted image against a background visible in transparency through the body of the light guide (22), wherein the extraction grating (32) is set in the proximity of one of the outer surfaces of the guide and has a saw-tooth profile, and wherein the extraction grating (32) is coated with a partially reflecting coating deposited prevalently on the surfaces of the teeth that are least inclined with respect to the surfaces of the guide.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Best reference noted is Richard et al. However, despite the fact that this reference teaches every limitation now claimed in the sole independent claim 1, the extraction grating of Richard et al does not have the saw-tooth profile. Without this profile, the coating characteristic that is now laid out in claim would automatically not exist in the patent's device. In view of this difference, it is concluded that the present invention distinguishes over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Loha Ben whose telephone number is (571) 272-2323. The examiner can normally be reached on Monday to Saturday, generally between 12:00 noon and 8:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Y. Epps, can be reached on Monday to Friday, at (571) 272-2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

August 11, 2004

Loha Ben Primary Examiner